

## FIG. 5/

| 3-1<br>14/9 VA07 | 60 75 90 105 GCC AGC ATC ACC TGC TCT GGA GAT AAA TTG GGG GAT AAA TAT GCT TGC TGG TAT CAG CAG AAG CCA |
|------------------|--|
|                  | 210<br>GGG AAC ACA GCC ACT CTG ACC ATC AGC GGG ACC CAG GCT ATG GAT GAG GCT GAC TAT TAC<br>           |
| 3-1              | 60   |
| 14/9 VA03        | GCC AGC ATC ACC TGC TCT GGA GAT AAA TTG GGG GAT AAA TAT GCT TGC TGG TAT CAG CAG AAG CCA              |
| 3-1              | 210  |
| 14/9 vao3        | TCT GGG AAC ACA GCC ACT CTG ACC ATC AGC GGG ACC CAG GCT ATG GAT GAG GCT GAC TAT TAC TGT              |
| 3-10             | 60<br>ATC ACC TGC TCT GGA GAT GCA TTG CCA AAA  |
| 3-10             | 240  |
| PP 05            | GAG GAT GAA GCT GAC TAC  |



## F. 5

| 195<br>rcc aac  |  | 195<br>TCC AAC   |   | 195<br>TCC AGC  | J <b>A</b> 3   |
|---|--|--|---|---|--|
| CDR2  150  GAT AGC AAG CGG CCC TCA GGG ATC CCT GAG CGA TTC TCT GGC TCC AG | T TGG GTG TTC GGC GGA GGG ACC AAG CTG ACC GTC CTA JA3<br>TGG GTA TTC GGC GGA GGG ACC TAC CTG ACC GTC CTG | CDR2  150  GAT AGC AAG CGG CCC TCA GGG ATC CCT GAG CGA TTC TCT GGC C A | T GTG GTA TTC GGC GGA GGG ACC AAG CTG ACC GTC CTA JA2<br>TG GTT TTC GGC GGA GGG ACC AAA CTG ACC ATC CTA | CDR2  165  GAC AGC AAA CGA CCC TCC GGG ATC CCT GAG AGA TTC TCT GGC  A | T TGG GTG TTC GGC GGA GGG ACC AAG CTG ACC GTC CTA<br>G GTG TTC GGC GGA GGG ACC AAG CTG ACC GTC CTA |
| TAT CAA   |  | TAT CAA  |   | TAT GAG   | CAT AG   |
| 120<br>GGC CAG TCC CCT GTG CTG GTC ATC T                                  | CAG GCG TGG GAC AGC AGC ACT GCA C C  | 120<br>GGC CAG TCC CCT GTG CTG GTC ATC 1                               | CAG GCG TGG GAC AGC AGC ACT GCA   | 120<br>GGC CAG GCC CCT GTG CTG GTC ATC 7                              | CDR3 270 270 TAC TCA ACA GAC AGC AGT GGT AAT C   |



## FIG. 50

| C CAA         | T GAT         | AAG CCA               | TAC TGT         | TAC CAA        | GCT GAT             |
|---------------|---------------|-----------------------|-----------------|----------------|---------------------|
| TGG TAC       | 5<br>G GCT    | CAG AAG               | 255<br>TAT TA   | TGG T          | 255<br>GAG G        |
| л<br>С ТGG    | 255<br>C GAG  | ე<br>:                |                 | TCC T          |                     |
| TCC           | 3 GAC         | 5<br>C CAG            | GAT GAG GCT GAC |                |                     |
| 105<br>GTC    | GAG           | 105<br>3 TAC          |                 | 105<br>T GTC   | T GAG               |
| TAT .T.       | GCT           | TGG                   | r GAG           | C CTT          | G GCT               |
| AAC           | CAG           | AGC                   |                 | r AAC          |                     |
| TAT<br>.C.    | 240<br>CTC    | GCA                   | 240<br>GAA      | TAT            | 240<br>; CTC        |
| GGT           | 999           | TAT                   |                 | AGT            | 999                 |
| 90<br>GGT     | TCT           | 90<br>TAT             | CAG             | 990            | ICT                 |
| GTT           | ATC           |                       | GCT<br>A        | GTT            | ATC                 |
| GAC           | ACC           | AGA                   | 999             | GAT            | ACA                 |
| CDR1          | 225<br>CTG /  | CTC AGA AGC           | 225<br>ACT      | CDR1 AGT GAT G | 225<br>CTG          |
| AGC P         | TCC O         |                       | ATC             | AGC            | AAC ACG GCC TCC CTG |
| 75<br>ACC A   | 900 1         | 75<br>3AC A           |                 |                | 229                 |
| GGA A         | ACG G         | 75<br>CAA GGA GAC AGC | TTG ACC         | 75<br>GGA ACC  | ACG                 |
| ACT G         | AAC A         | CAA C                 | TCC 1           | ACT            | AAC                 |
| TGC A         | 210<br>GGC A  | TGC C                 | 210<br>GCT 1    |                | 210<br>GGC 7        |
| TCC T         | 2<br>TCT G    | ACA T                 | ACA G           | TCC 1          | TCT                 |
|               |               | 60<br>ATC A           | AAC A           | 60<br>ATC 1    | AAG 1               |
| ∢ .           |               |                       | GGA A           | ACC A          | TCC A               |
| ATC ACC       | C TCC         | <b>A</b> ·            | _               | ATC A          | GGC T               |
| AT            | 299           | GTC                   | TCA             | A.             | Ğ,                  |
|               | •             |                       | <b>a</b> :      | 04             | 04                  |
| 2-14<br>PP 14 | 2-14<br>PP 14 | 3-19<br>PP 02         | 3-19<br>PP 02   | 2-23<br>SORT   | 2-23<br>SORT        |
| 2-<br>PI      | 2 п           | က်မြ                  | (- / ДД         | W W            | <del>-</del>        |



## FIG. 51

| 195<br>TCT      | J <b>A</b> 3       | 195<br>AGC      | JA 2                 | 195<br>TCT        | J <b>A</b> 3           |
|-----------------|--------------------|-----------------|----------------------|-------------------|------------------------|
| TTC             | CTA                | TCC             | CTA                  | TTC               | CTA                    |
| 292             | GTC                | 255             | GTC                  |                   | GTC                    |
| AAT             | ACC                | TCT             | ACC                  | AAT               | ACC                    |
| TCT             | CTG                | TTC             | CTG                  | TCT               | CTG                    |
| 180<br>GTT :    | AAG<br>AAG         | 180<br>CGA      | AAG<br>AAG           | 180<br>GTT        | AAG                    |
| 999             | ACC                | GAC             | ACC                  | 999               | ACC                    |
| TCA (           | 999                | CCA             | <u> </u>             | TCA               | 999<br>999             |
| 222             | GGA                | ATC             | GGA                  | ပ္ပ :<br>ပ္ပ :    | GGA<br>GGA             |
| 990             | ე <u>ე</u>         | 999             | ე <u>ე</u> ნე        |                   | ၁၅၅                    |
| 165<br>AAT<br>T | TTC                | 165<br>TCA      | TIC                  | 165<br>AAG        | TTC                    |
| CDR2            | GTG                | ပ္ပ<br>ပ္ပ<br>: | GTA<br>GTA           | CDR2              | GTG                    |
| GTC             | TGG                | 990             | GTG<br>GTG           | GTC .A.           | TGG                    |
| GAGT            | H                  | PAC<br>G        | H                    | GAG A             | T<br>GG                |
| TAT             | CTC                | CDR2 AAC AAC    |                      | TAT               | TTC                    |
| 150<br>ATT      | ACT                | 150<br>AAA      |                      | 150<br>ATT        | AGT AGC ACT TTC        |
|                 | AGC                | GGT.            | CT                   | ATG               | AGC<br>GA.             |
| CTC ATG         | AGC AGC            | TAT             | CAT                  | CTC               | AGT<br>C               |
| AAA<br>         | 285<br>AGC         | ATC             | 285<br>AAC<br>G.A    | AAA               | 3<br>285<br>GGT<br>A   |
| <br>            | CDR3               | GTC             | GGT                  | )<br>)<br>)       | CDR3                   |
| 135<br>GCC      | CDR<br>TCA TAT ACA | 135<br>CTT      | CDR3 GAC AGC AGT GGT | 135<br>GCC<br>.T. | CDR<br>TGC TCA TAT GCA |
| AAA<br>         | TCA                | GTA             | AGC                  | AAA               | TCA                    |
| GGC AAA         | AGC<br>G           | CAG GCC CCT     |                      | CAC CCA GGC AAA   |                        |
| CCA             | 270<br>TGC         | <br>ວວອ         | 270<br>CGG           | CCA               | 270<br>TGC             |
| CAC CCA         | TAT TAC            | CAG             | 270<br>AAC TCC CGG   |                   | 270<br>TAT TAC TGC     |
| 120<br>CAG      | TAT                | 120<br>GGA      | AAC                  | 120<br>CAG        | TAT                    |